Project Title	Funding	Institution		
A mouse knock-in model for ENGRAILED 2 autism susceptibility	\$227,135	University of Medicine & Dentistry of New Jersey		
Animal model of speech sound processing in autism	\$325,125	University of Texas at Dallas		
Animal models of neuropsychiatric disorders	\$1,769,941	National Institutes of Health		
Autism iPSCs for studying function and dysfunction in human neural development	\$254,152	The Scripps Research Institute		
Role of L-type calcium channels in hippocampal neuronal network activity	\$32,741	Stanford University		
Evaluation of altered fatty acid metabolism via gas chromatography/mass spectroscopy and time-of-flight secondary ion mass spectroscopy imaging in the propionic acid rat model of autism spectrum disorders	\$25,000	University of Western Ontario		
Neurobiology of mouse models for human chr 16p11.2 microdeletion and fragile X	\$210,000	Massachusetts Institute of Technology		
Micro-RNA regulation in pluripotent stem cells	\$19,189	Southwest Foundation For Biomedical Research		
Murine genetic models of autism	\$172,389	Vanderbilt University		
Neurobiology of sociability in a mouse model system relevant to autism	\$354,375	University of Pennsylvania		
Basal ganglia circuitry and molecules in pathogenesis of motor stereotypy	\$387,767	University of California, Los Angeles		
Cellular and genetic correlates of increased head size in autism spectrum disorder	\$282,901	Yale University		
Central vasopressin receptors and affiliation	\$32,896	Emory University		
Genetic models of serotonin transporter regulation linked to mental disorders	\$184,375	Medical University of South Carolina		
High content screens of neuronal development for autism research	\$210,977	University of California, San Diego		
High-resolution diffusion tensor imaging in mouse models relevant to autism	\$199,724	University of Pennsylvania		
Transgenic mouse model to address heterogeneity in autism spectrum disorders	\$468,586	Vanderbilt University		
Using induced pluripotent stem cells to identify cellular phenotypes of autism	\$800,000	Stanford University		
Identifying genetic modifiers of rett syndrome in the mouse	\$30,000	Baylor College of Medicine		
Identifying impairments in synaptic connectivity in mouse models of ASD	\$40,000	University of Texas Southwestern Medical Center		
A preclinical model for determining the role of AVPR1A in autism spectrum disorders	\$0	Mount Sinai School of Medicine		
Novel probiotic therapies for autism	\$570,145	California Institute of Technology		
Central vasopressin receptors and affiliation	\$364,425	Emory University		
Neuroligin function in vivo: Implications for autism and mental retardation	\$392,500	University of Texas Southwestern Medical Center		
Novel genetic animal models of autism	\$274,750	University of Texas Southwestern Medical Center		
Optimization of methods for production of both ICSI- and SCNT derived baboon embryonic stem cells	\$260,102	Southwest Foundation For Biomedical Research		
Characterization of a novel mouse model of restricted repetitive behaviors	\$222,000	University of North Carolina at Chapel Hill		
Serotonin, autism, and investigating cell types for CNS disorders	\$90,000	The Rockefeller University		
Identification of autism genes that regulate synaptic Nrx/Nlg signaling complexes	\$200,000	Stanford University		

Insight in to MCP2 function raises therapeutic possibilities for Ret syndroms  Methods for production of USB and SCAT derived manague stem cells  \$15,188  Southwest Foundation For Boundfall Research  Noval strategies to manipulate Ubc3a captression for the treatment of autism of function and the production of University of North Carolina at Chapel Hill  And fugulem syndrome  Presidinate testing of novel explorion receptor activators in models of autism  \$157,772  University of North Carolina at Chapel Hill  University of North Carolina at Chapel Hill  University of North Carolina at Chapel Hill  Presidence testing of novel explorion receptor activators in models of autism  \$23,325  Presidence testing of novel explorion receptor activators in models of autism  \$246,289  Presidence testing of novel explorion receptor activators in models of autism  Presidence testing of novel explorion receptor activators in models of autism  \$246,289  Presidence testing of novel explorion receptor activators in models of autism  \$246,289  University of North Carolina at Chapel Hill  University of North Carolina at Chapel Hill  Presidence testing of novel explorion receptor activators in models of autism  \$246,289  University of North Carolina at Chapel Hill  University of North Carolina at Chapel Hill  University of North Carolina at Chapel Hill  Presidence testing of novel explorion receptor activators in models of autism  \$246,289  University of North Carolina at Chapel Hill  Presidence testing of novel exploration and activate the north of social activation of autism autism as a model for procedural keaming  \$246,289  University of North Carolina at Chapel Hill  University	Project Title	Funding	Institution	
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phenotypes  Stropping of the control of social behavior heterogeneity in autism spectrum disorders  Characterization of autism susceptibility genes on chromosome 15q11-13  S47,000  Beth Israel Deaconess Medical Center  Neurogenomics in a model for procedural learning  \$30,250  University of California, Los Angeles  Serotonin, corpus calicisum, and autism  \$303,250  University of Mississippi Medical Center  Characterization of the transcriptome in an emerging model for social behavior  Chinap2 in a behavioral model of autism  \$262,356  University of California, Los Angeles  Stropping deficits of IPS cell-terived neurons from patients with autism  \$365,888  Stanford University  Synaptic plasticity, memory and social behavior  \$321,154  Neural mechanisms of social cognition and bonding  \$43,862  Repulsation of gene expression in the mouse  \$346,000  University of Hawaii at Manoa  Patient IPS cells with copy number variations to model neuropsychiatric  \$207,388  The Hospital for Sick Children  Dissecting the neural control of social attachment  \$772,500  University of California, San Francisco  Dynamic regulation of gene expression in the brain  \$20,000  Security of Hawaii at Manoa  Patient IPS cells with copy number variations to model neuropsychiatric  \$277,500  University of Hawaii at Manoa  Patient IPS cells with copy number variations to model neuropsychiatric  \$272,500  University of Hawaii at Manoa  Patient IPS cells with copy number variations to model neuropsychiatric  \$272,500  University of California, San Francisco  Dynamic regulation of Sinnk3 and ASD  \$241,503  Stanford University  Stanford University  Modeling and pharmacologic treatment of autism spectrum disorders using induced pluripotent stem cells  Modeling and pharmacologic treatment of autism spectrum disorders in processing and pluripotent stem cells  Modeling and pharmacologic treatment of autism spectrum disorders and pluripotent stem cells  Modeling and pharmacologic treatment of autism spectrum disorders in processing and pluripotent stem		\$39,325	University of North Carolina at Chapel Hill	
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Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder  The genetic control of social behavior in the mouse  \$346,000  University of Hawai'i at Manoa  Patient iPS cells with copy number variations to model neuropsychiatric disorders  Regulation of gene expression in the brain  Dissecting the neural control of social attachment  \$772,500  University of California, San Francisco  Dynamic regulation of Shank3 and ASD  \$300,000  Dynamic regulation of Shank3 and ASD  \$241,503  Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila  Model of a dysregulated serotonin transporter variant associated with autism  Neural mechanisms of social cognition and bonding  \$0  Emory University	Synaptic plasticity, memory and social behavior	\$52,154	New York University	
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disorders  Regulation of gene expression in the brain  \$2,086,763  National Institutes of Health  Dissecting the neural control of social attachment  \$772,500  Dynamic regulation of Shank3 and ASD  \$300,000  Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells  Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila  Mouse genetic model of a dysregulated serotonin transporter variant associated with autism  Neural mechanisms of social cognition and bonding  \$0  National Institutes of Health  National Institutes of	The genetic control of social behavior in the mouse	\$346,000	University of Hawai'i at Manoa	
Dissecting the neural control of social attachment \$772,500 University of California, San Francisco  Dynamic regulation of Shank3 and ASD \$300,000 Johns Hopkins University  Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells  Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila  Mouse genetic model of a dysregulated serotonin transporter variant associated with autism  Neural mechanisms of social cognition and bonding  \$0  University of California, San Francisco  University  Stanford University  Albert Einstein College of Medicine of Yeshiva University  Vanderbilt University  Emory University	1	\$207,388	The Hospital for Sick Children	
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induced pluripotent stem cells  Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila  Mouse genetic model of a dysregulated serotonin transporter variant associated with autism  Neural mechanisms of social cognition and bonding  \$0  Albert Einstein College of Medicine of Yeshiva University  Vanderbilt University  Emory University	Dynamic regulation of Shank3 and ASD	\$300,000	Johns Hopkins University	
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vasopressin receptors and social addrittent   \$121,500   Emory University	Vasopressin receptors and social attachment	\$121,500	Emory University	

Project Title	Funding	Institution	
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	\$0	Massachusetts Institute of Technology	
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders - 1	\$0	Burnham Institute	
Caspr2 dysfunction in autism spectrum disorders	\$0	Yale University	
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$0	University of North Carolina School of Medicine	
NrCAM, a candidate susceptibility gene for visual processing deficits in autism	\$0	University of North Carolina at Chapel Hill	
A novel cell-based assay for autism research and drug discovery	\$60,000	University of Arizona	
The role of SHANK3 in the etiology of autism spectrum disorder	\$28,000	Johns Hopkins University	
Shank3 mutant characterization in vivo	\$28,000	University of Texas Southwestern Medical Center	
The genetics of restricted, repetitive behavior: An inbred mouse model	\$60,000	University of Florida	
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders -2	\$0	Burnham Institute	
Analysis of cortical circuits related to ASD gene candidates	\$0	Cold Spring Harbor Laboratory	
Animal models of autism: Pathogenesis and treatment	\$84,999	University of Texas Southwestern Medical Center	
Deriving neuroprogenitor cells from peripheral blood of individuals with autism	\$0	University of Utah	
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Duke University	
Genomic resources for identifying genes regulating social behavior	\$60,000	Emory University	
Role of UBE3A in neocortical plasticity and function	\$490,000	Duke University	
Small-molecule compounds for treating autism spectrum disorders	\$175,000	The University of North Carolina at Chapel Hill	
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Massachusetts Institute of Technology	
Investigation of the role of MET kinase in autism	\$366,308	Johns Hopkins University School of Medicine	
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$128,445	Massachusetts Institute of Technology	
Neural and cognitive mechanisms of autism	\$375,000	Massachusetts Institute of Technology	
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$155,063	Massachusetts General Hospital	
Dissecting the circuitry basis of autistic-like behaviors in mice	\$175,000	Massachusetts Institute of Technology	
Novel models to define the genetic basis of autism	\$289,633	Cold Spring Harbor Laboratory	
Role of a novel Wnt pathway in autism spectrum disorders	\$750,000	University of California, San Francisco	
Using Drosophila to model the synaptic function of the autism-linked NHE9	\$150,000	Massachusetts Institute of Technology	
Using iPS cells to study genetically defined forms with autism	\$200,000	Stanford University	
Systematic analysis of neural circuitry in mouse models of autism	\$149,973	Cold Spring Harbor Laboratory	

Project Title	Funding	Institution	
The role of SHANK3 in autism spectrum disorders	\$360,000	Mount Sinai School of Medicine	
16p11.2: defining the gene(s) responsible	\$175,000	Cold Spring Harbor Laboratory	
Behavioral and physiological consequences of disrupted Met signaling	\$800,000	University of Southern California	
Using zebrafish and chemical screening to define function of autism genes	\$399,999	Whitehead Institute for Biomedical Research	
Investigating the effects of chromosome 22q11.2 deletions	\$150,000	Columbia University	
Function and dysfunction of neuroligins	\$374,383	Stanford University	
Functional genomic dissection of language-related disorders	\$235,753	University of Oxford	
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Columbia University	
Integrated approach to the neurobiology of autism spectrum disorders	\$232,118	Yale University	